BRUHAT BANGALORE MAHANAGARA PALIKE

Office of the Executive Engineer(Ele),BBMP, Dasarahalli Zone.Hesaragatta main Road,Bagalagunte, B'lore-73

Tender Notification No:EE/ELE/DZ/TND/02/ 2019-20, Datd:- 04.03.2020

Item No. 5

SCHEDULE -B

Name of Work:Annual Maintenance of Street Lights Package D-4 ward No 15 T.Dasarahalli

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor SATHISH L	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. i) Poles with 36/40 W fluorescent tube light street lighting system.	Each	201.00	418.12	Rupees Four Hundred Eighteen and Twelve Paise Only
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. Poles with 250W HPSV light street lighting system.	Each	1097.00	621.84	Rupees Six Hundred Twenty One and Eighty Four Paise Only
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. Poles with 400 watts HPSV light street lighting system.	Each	36.00	682.03	Rupees Six Hundred Eighty Two and Three Paise Only
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. Poles with 24 W LED light street lighting system.	Each	1.00	536.81	Rupees Five Hundred Thirty Six and Eighty One Paise Only
5	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. Poles with 65 W LED light street lighting system.	Each	97.00	699.93	Rupees Six Hundred Ninety Nine and Ninety Three Paise Only

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DZ

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6	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. Poles with 90 W LED light street lighting system.	Each	10.00	840.37	Rupees Eight Hundred Forty and Thirty Seven Paise Only
7	Operation and maintenance of Manual and Automatic Timer Switching circuits including replacement of electrical gadgets, such as MCB's Contactors, Timer, Cut-outs, wiring connector and M.S. Box with proper insulation etc., complete.	Each	15.00	1900.42	Rupees One Thousand Nine Hundred and Forty Two Paise Only
8	c) B. Work to be carried out as per requirement & actuals and as per the direction of the in charge engineer, Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole.8 Mtr and above street light pole	Each	10.00	469.7	Rupees Four Hundred Sixty Nine and Seventy Paise Only
9	Moulded Case Circuit Breaker (MCCB) Three Pole 100Amps 25kA	Each	28.00	1657.98	Hundred Fifty Seven and Ninety Eight Paise Only
10	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets	Each	27.00	1252.94	Rupees One Thousand Two Hundred Fifty Two and Ninety Four Paise Only
11	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3 Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5)Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure. 7) transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	No	10.00	31415.0	Rupees Thirty One Thousand Four Hundred Fifteen Only

Executive Engineer(Ele)
Dasarahalli Zone
BBMP Bangalore-73

I Agree to carry out this work at -39.00 % Below the Rates mentioned in the Schedule-B.

Signature of the Contractor

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